

## *Semi-Automatic Counting Machine YL-2B*



YL-2B semi-automatic counting machine is designed for efficient and accurate counting of various granular materials such as capsules, tablets and pills. It adopts the principle of photoelectric induction, and realizes continuous counting of single particles through vibration feeding and rotary centrifugal discharge, which is suitable for pharmaceutical, food and other industries.

### **Introduction**

The YL-2B semi-automatic counting machine uses advanced photoelectric sensing technology, combined with a vibration system and rotating centrifugal force, to ensure that materials can be accurately counted one by one and distributed into designated containers. The machine is also equipped with a programmable logic controller (PLC) and an intuitive touch screen operation interface, allowing users to easily set parameters such as the number of each bottle, the total number of bottles, etc. In addition, the equipment has anti-collision, anti-tilt and moisture-proof signs to ensure transportation safety; at the same time, detailed cleaning and maintenance guidelines are provided to ensure long-term stable operation.

### **Feature**

- High precision: Counting accuracy exceeds 99.7%, ensuring product quality.
- Versatility: Supports a variety of material types, including 00-5# capsules, soft capsules, tablets with a diameter of 5.5-18mm, special-shaped tablets, sugar-coated tablets, and pills with a diameter of 6-16mm.
- User-friendly: Equipped with a touch screen, it is easy to set and monitor the production process.

- Fast production: The maximum production capacity can reach 1000-2000 pieces per minute, which is suitable for large-scale production needs.
- Safe and reliable: Built-in multiple safety detection devices and alarm protection mechanisms to ensure the safety of operators.
- Easy to maintain: The cleaning methods of mechanical parts, electronic components and detection elements are detailed to facilitate daily maintenance.

## Specifications

Model	YL-2B
Capacity	1000-2000pcs/min
Materials	00-5# capsules, soft capsules, diameter 5.5-18mm tablets, special-shaped tablets, sugar-coated tablets, 6-16 mm pills
Loading range	2-9999(adjustable)
Voltage, power	AC 220V/50HZ 110V/60HZ 0.1KW
Bottle height	40-240mm
Bottle mouth	10-500mm round and square bottle
Hopper capacity	10L
Size	820x670x750mm
N.W	60kg
Packing dimensions	920x780x930mm
G.W	90kg
Remarks	The speed of production is related to the variety, size, size and quantity of bottles.